



Micronas.6287

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT: Igel et al.

GROUP: 2858

**INTERNATIONAL
APPLN. NO.:** PCT/EP99/10045

EXAMINER: Walter Benson

SERIAL NO: 09/868,538

**INTERNATIONAL
FILING DATE:** 17 December 1999

FOR: CAPACITIVE MAGNETIC FIELD SENSOR

AMENDMENT

This amendment is in response to the Official Action dated May 13, 2003. Please amend the application as follows:

IN THE CLAIMS:

Cancel claims 5 and 6. Amend claims 1 and 7-10 as follows:

1(Currently Amended) A capacitive sensor with a first electrode and a second electrode, which are spaced apart from one another and which form a measurement capacitance, such that the first electrode is situated on a first substrate body and the second electrode on a second substrate body, and the second substrate body is designed as a deformable membrane in the vicinity of the second electrode, characterized in that a magnetic body is disposed in the vicinity of the second electrode and the membrane, which magnetic body is connected to the membrane and to the second electrode in such a way that a change of position of the magnetic body, induced by an external magnetic field, will cause a change of position of the second electrode via the membrane, resulting in

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